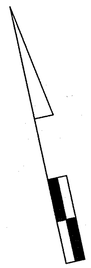
DRILL HOLES

DRILL HOLES

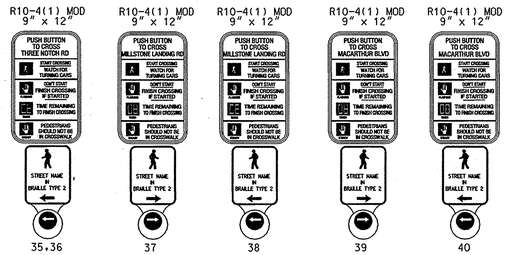
DRILL HOLES

BORDER REV: DATE: June 1, 2004

PROPOSED SIGNS



NOTE: MD 235 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

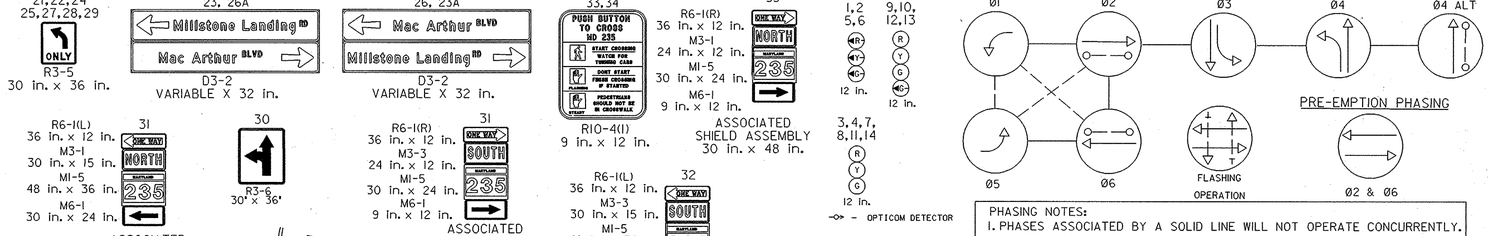


MD 235 (THREE NOTCH RD) | MILLSTONE LANDING RD | MILLSTONE LANDING RD | MACARTHUR BLVD | MACARTHUR BLVD

PROPOSED SIGNALS

LED 16" COUNTDOWN PEDESTRIAN SIGNAL HEAD

SIGNS



SIGNALS

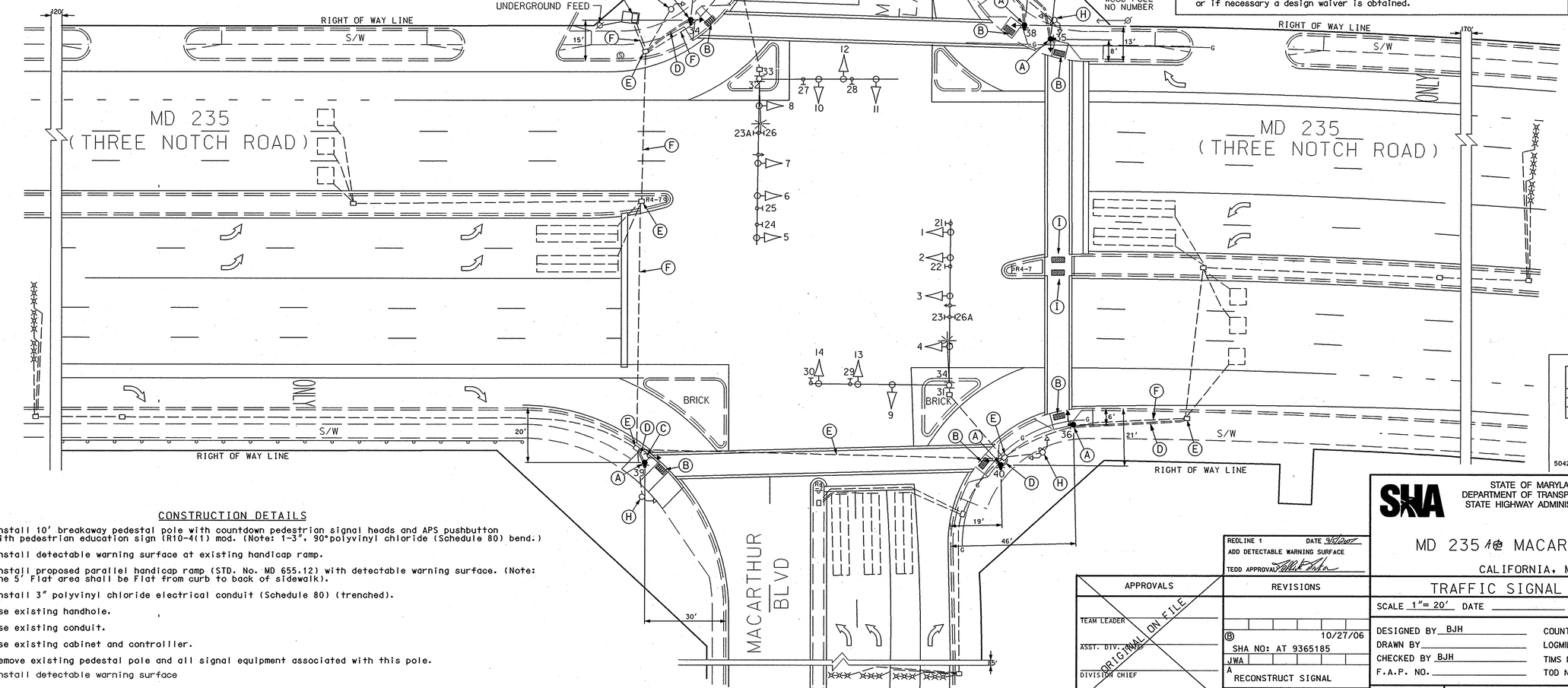
NEMA PHASING

PRE-EMPTION PHASING

PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHLINE MAY/WILL OPERATE CONCURRENTLY.

GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
3. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04 The contractor shall verify ultimate grades prior to the installation of all signal equipment.
4. The contractor shall remove all unused wiring.
5. If the location of Accessible Pedestrian Signal Pushbuttons must be changed, the contractor shall notify the Project Engineer to get approval for new location to ensure proper requirements of the MUTCD are still met. All work must be halted until the Project Engineer has obtained an approved location or if necessary a design waiver is obtained.



CONSTRUCTION DETAILS

A. Install 10' breakaway pedestal pole with countdown pedestrian signal heads and APS pushbutton with pedestrian education sign (R10-4(1) mod. (Note: 1-3". 90°polyvinyl chloride (Schedule 80) bend.)
B. Install detectable warning surface at existing handicap ramp.
C. Install proposed parallel handicap ramp (STD. No. MD 655.12) with detectable warning surface. (Note: The 5' Flat area shall be Flat from curb to back of sidewalk).
D. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
E. Use existing handhole.
F. Use existing conduit.
G. Use existing cabinet and controllier.
H. Remove existing pedestal pole and all signal equipment associated with this pole.
I. Install detectable warning surface

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.,NW.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-5637

5042d.dgn

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 235 @ MACARTHUR BLVD.

CALIFORNIA, MD

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE _____ CONTRACT NO. _____

DESIGNED BY BJH
DRAWN BY
CHECKED BY BJH
F.A.P. NO.
COUNTY ST. MARY'S
LOGMILE 18023514.43
TIMS NO. F200
TOD NO.

TS NO. 2320B | DRAWING NO. 1 OF 2 | SHEET NO. OF

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	B 10/27/06 SHA NO: AT 9365185 JWA
DIVISION CHIEF	A RECONSTRUCT SIGNAL
OFFICE DIRECTOR BJH	

ORIGINAL ON FILE

REDLINE 1 DATE 9/6/2007
ADD DETECTABLE WARNING SURFACE
TEDD APPROVAL

PLOTTED: FRIDAY, AUGUST 17, 2007 AT 10:09 AM
FILE: J:\DATA\F200\REDLINE REV1\5042D_MACARTHURREDLINE1.DGN